Free and Worth Having!

\$200.00 WORTH!

mahogany bevel French plate mirror, single-door ward-

chairs, one rocker and a body brussels drugget -- in all

amounting to a little over \$200.00 The way of giving is this: Everybody coming in our store will receive a number in the order in which they come. For instance, the first person will be No. 1, the twenty-ninth person will be No. 29, and so on. Then at the proper time we will bilindfold some little girl, and she will pick out the lucky number.

ANY MAN, WOMAN OR CHILD CAN HAVE A CHANCE TO GET THIS HANDSOME SUIT, except employes or any one selling us goods.

Read about our souvenirs for ladies only.

nutual one between buyer and seller. Our old quarters small (that is, our business got so big) that we move. So we've caused our present large buildto be erected, and put therein a stock which, to of over \$250,000 (a quarter of a million).

But Richmond is progressing-so in Virginia, and so

## The South's Greatest Furniture House

# Grand Opening!

Monday, April 22, 1907

# Chas. G. JURGENS' Son

\$1,000 Given Away. No Goods Sold.

Stein's and Iardella's Bands (10 pieces) will discourse music all day. 9 A. M. to 10:30 P. M.

## We Feel Sure

We've got everything for the home, from a 59c rocker to a \$1,000 bridal sult; from a stove to a hair mattress; and what's more, we've got salesmen who know their business, and if necessary can tell you what to buy, and who will always sell you the right thing, and not stick you with something because there's

Adams and Broad Sts.

## For Ladies Only!

with a handsomely engraved exidized mirror, with always look after customers' conveniences.

By the way, we would say that in building our new one we have made a large, light retiring-room for This will be of especial convenience to our outof-town lady customers, inasmuch as they will be able to check their baggage, write letters, etc., and probably

## Everything For the Home!

## PROTECTION FROM

Everybody Welcome

New System That Has Been Adopted by United States Navy

MORE THAN FRANKLIN KNEW

Toy Chimneys and a Miniature Thunder-Storm Used in a Scientific Laboratory.

chimneys in the various yards of the United States Navy. Perhaps no better place for playing with lightning, after place for playing with lightning, after the sober, serious, scientific fashlon, exists anywhere. Typical among the models is a miniature brick chim-ney about two feet high and four inches in diameter, bearing four little nictal rods whose most noticeable pe-culiarity is that they are not insulated from the chimney by any of the or-dinary glass devices, but are so con-structed as to allow whatever elecof the chimney to drain off instead of remaining there to disintegrate the brick-work should a disruptive dis-

### - Heading Off the Bolt.

A copper "spider" spread across the top of the chimney—a radiating network of wires, connected with the vertical rods—is another special feature. Down the interior of this toy shaft, and the case applies to the big, real stacks of our industrial centres, no

and destruction in the engine and bottler-rooms about the base.

That's a vital consideration, too. When a chimney is daily pouring heavenward a column of smoke and other products of combustion, including not a little water vapor, which always accompanies combustion of fuel, there is every likelihood that during some thunder-storm a swift discharge from above may send an alternating current of incredibly swift vibration down the long bore of the shaft. Many a valuable stack, supposed to be protected from the electrical hazard by a system of exterior rods, has been badly damaged through the failure of its builder to appreciate that a gaseous conductor resches much higher, and is often a better conductor than the rods, and may therefore serve as the chief channel along which the outposing electricities of sky and earth rush to meet each other. On the model in the George Washington University, if the feet of the spider are firmly attached to the ends of the vertical conductors, the descending discharge, when it reaches the copper network will be sent harmiessiy to earth outside the stack.

Testing this and other schemes of residentian to N. Monroe Horshies.

optside the stack.

Testing this and other schemes of protection, Dr. N. Monroe Hopkins, assistant professor of chemistry in the unityersity and electrical engineer of the United States Navy, is able at any

most as awe-inspiring, as in nature, By means of a tandem of "step-up transformers," the investigator sends crackling across the air from his elec-trodes to his lightning rods a current They can be measured too by use of reflection devices familiar to physicists and electricians. Indeed, Dr. Hopkins, working in this very labora-tory, some time ago achieved the feat of measuring a second of time down to the one-millionth part.

of measuring a second of time down to the one-millionth part.

With the electric discharges zigzngzing across two or three feet of air space, taking now one copper paint and now another, while a dull glow about the extremities of the other rods which the lighting has not taken indicates that the surface of the shaff is draining properly and that, therefore, the brick-work is safe from dishinggration, the experimenter has solved at least a few of the problems of the lighting conductor to his satisfaction, so that they may be applied practically to the protection of the government's valuable property. Their general application will probably follow closely, for governmental applied science in these days is thoroughly practical. This series of experiments of Dr. Hopkins is only one of a great number that have been carried on in the laboratories of George Wash-ington University and that have been on in the laboratories of George view of ington University and that, because of the close connection that is possible be the close connection that is possible be the close connection that is possible between the university and the govern

### The Basket Shop, 400 North 7th Street



You can huy any kind of Basket, Reed Furniture, Baby Carriages re-paired, cleaned and varnished. Rubber tres put on,
Chairs re-seated; woven seats
specialty, Work guaranteed,

Old Dominion Willow and Rattan Works.

LUMBER

death and accident from lightning show that it is important to bring the lightning rod in an improved form back into favor. In a recent year there were 367 deaths and 491 injuries from lightning in the United States alone, and property of an estimated value of \$1,500,000 was destroyed by it. The reason why lightning-rods have been so generally disused is because they have so often been unintelligently constructed. Pranklin, discoverer of many scientific truths, had, so the experts are agreed, the right idea as to safeguarding property and per-

Franklin's principle that have been common, there was in operation in Europe and in this country for many years an alleged protecting device known as the

This was nothing short of a lightningrod with its most valuable protective feature, its pointed termination, eliminated.
At the top of the rod was affixed a piece
of glass like a thick soda water bottle,
inverted. The lide, was that this glass
would generally have the effect of repelling the discharge of electricity from
the clouds, but that if the bolt must
strike the chimney or church spire in
question it would then break the glass
and run down the lightning-rod to bury

and a dry spell followed, which caused the soil and climatic conditions pre-the corn on that plant to suffer from deminating in a given locality. It was not profitable, as a rule

o apply fertilizers on the ranges where cowpeas and barley or cowpeas alone were turned under, which shows the importance of putting land in-tended for corn in perfect mechanical condition. When green manure is apply is acid phosphate at the rate potash at the rate of 50 pounds, and muriate of potash at the rate of 50 pounds. Thomas slag and floats proved more costly in proportion than acid phosphate.

12. On the wheat range 15 tons of form and the wheat range 25 tons of form and the same page 25.

strike the commey of the series of costs of 10 cents; Thomas sing and floats proved more question it would then break the glass and run down the lightning-rod to bury itself in the earth. The real effect, however, was simply to prevent all possibility of silent discharge of electricity and to render the building much more liable to be damaged.

This city has seen not a little experimenting before now with the question of protection from lightning. In the carry days of the Washington Monument, which, rising to a height of 555 feet, with no other very tall structures neur, is singularly exposed to the september of 100 cents; Thomas Siag and floats proved more costly in proportion than acid phospotate.

12. On the wheat range 15 tons of 27.91 bushels over no fertilizer, at a cost of 21 cents; 300 points of 21 cents; 300 points of 21.91 bushels, at a cost of 14 cents; acid phosphate at the rate of 150 and 21.93 bushels, at a cost of 14 cents; and 18.33 bushels, respectively, at a cost of 10 cents; Thomas Siag and floats proved more costly in proportion than acid phosphate. of protection from lightning. In the carry days of the Washington Monitorian and the conductive state of the Washington Monitorian and the conductive state of the Washington Monitorian, and the conductive state of the Washington Monitorian, and the washington Monitorian, and the washington Monitorian and washington Monitorian Monito

16. The effect of cross-polination is yield from Illinois seed in 1905 was 26 bushels, and the highest 53 bushalone were turned under, which shows the importance of putting land intended for corn in perfect mechanical condition. When green manure is used the most profitable fertilizer to apply is actif phosphate at the rate to the state of the forces of the state of the forces of the state of the forces lowest yield was 52 bushels and the highest \$1 bushels. The yield with the Western sample in 1905 and 1906 was practically the same, while with the Virginia sample there was an increase of 18 bushels in 1905 and 39 bushels in 1905 and 39 bushels in 1906.

17. The Virginia sample of Boone County White, after cowpeas plowed under, made \$4.53 bushels; after 15 tens of farm-yard manure, 73.21 bushels; and after timothy and clover sod. 75.46 bushels. The Illinois sample yielded 58.92 bushels after cowpeas, 75 bushels after wowners and 67.56

Dean and Director.
Virginia Experiment Station, 1907.

Such, however, has been the change in sentiment toward that unusually attractive section, that there are at the present time but one or two board ing-houses among the large number of handsome residences that line both sides of the street as far down as beautiful Gamble's Hill Park, which crowns the hill overlooking the Tredegar and James River.

There seems to be no end to build-ing operations. Every contractor in the city is "up to his ears in work," and the only question with them is how can they finish up their con-tracts on the required time, for every-body who has put out a contract is anxious to see it completed.

Highland Park.

and Enjoy Yourselves

At last Richmond has a beautiful burb, worthy of the name, and yet G ter Park is still in its infa...c., ? plans for the handsome school and sembly building are about comple

was sold this week to a business man of this city, and prospects for the immediate future are most promising as the number of inquiries is very large. The inclement weather has re-tarded business somewhat.

## **OPENING EXCURSION** fluence upon South Third Street property, which, by the way, was, eight or ten years ago, generally known as "Boarding-House Lane." FYPOSITION **EXPOSITION**

TRAINS 2 TRAINS

### Friday, April 26th Round \$1.50 Trip

Two special fast trains, 7 A. M. and S. A. M., will leave Richmond Friday, April 26th. Iteturning, leave Exposition Pier 6 P. M. and 7:30 P. M. Shortest, quickest and best route, passing in full view of the fleet,

NOTICE.